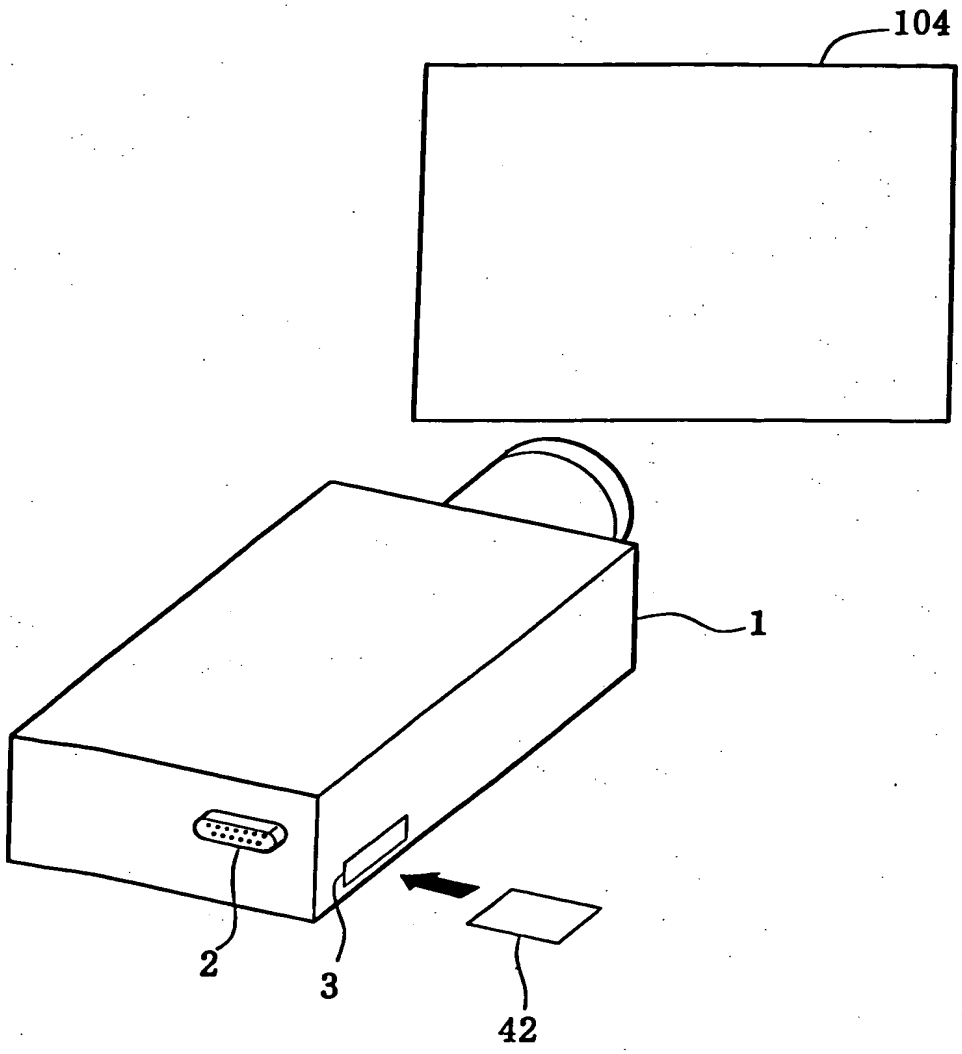
Fig. 1



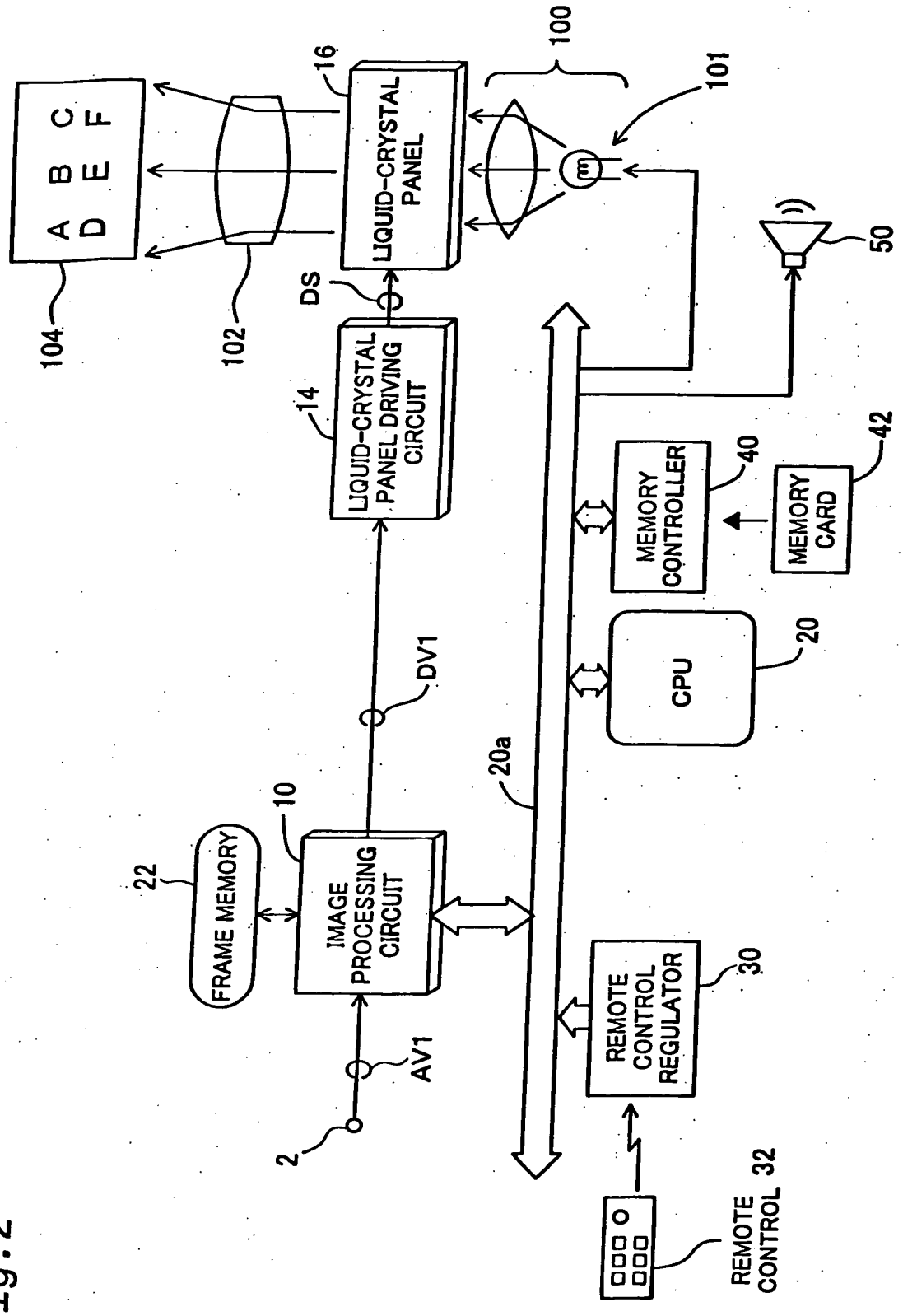

A B C
D E F
LIQUID-CRYSTAL PANEL
LIQUID-CRYSTAL PANEL DRIVING CIRCUIT
MEMORY CONTROLLER
MEMORY CARD
CPU
IMAGE PROCESSING CIRCUIT
FRAME MEMORY
REMOTE CONTROL REGULATOR
REMOTE CONTROL
DS
DV1
AV1
100
101
102
104
16
14
10
22
20a
2
30
32
40
42
50

Fig.2

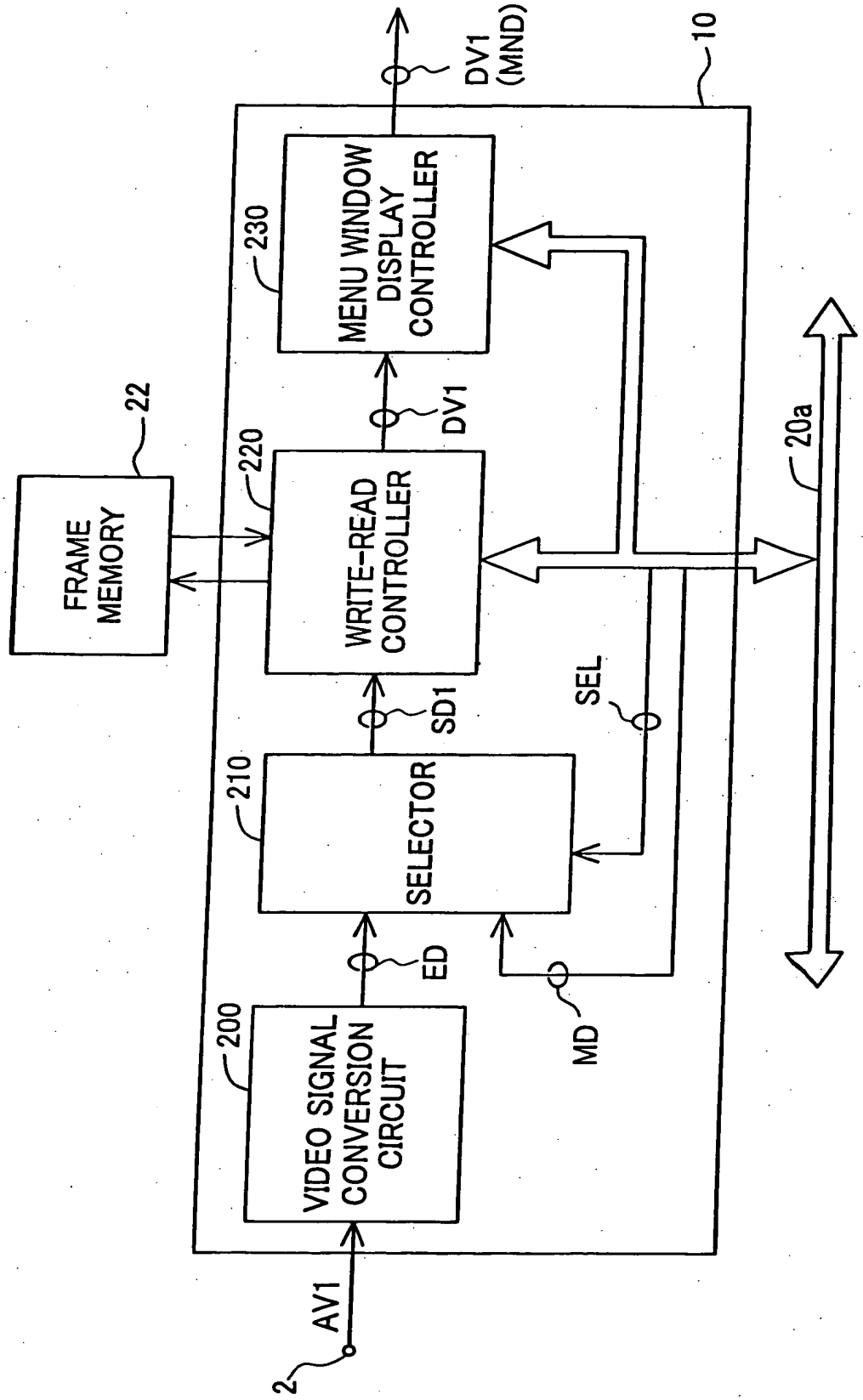

2
AV1
200
VIDEO SIGNAL CONVERSION CIRCUIT
ED
210
SELECTOR
SD1
220
WRITE-READ CONTROLLER
22
FRAME MEMORY
DV1
230
MENU WINDOW DISPLAY CONTROLLER
DV1 (MND)
10
SEL
MD
20a

Fig.3

Fig.4

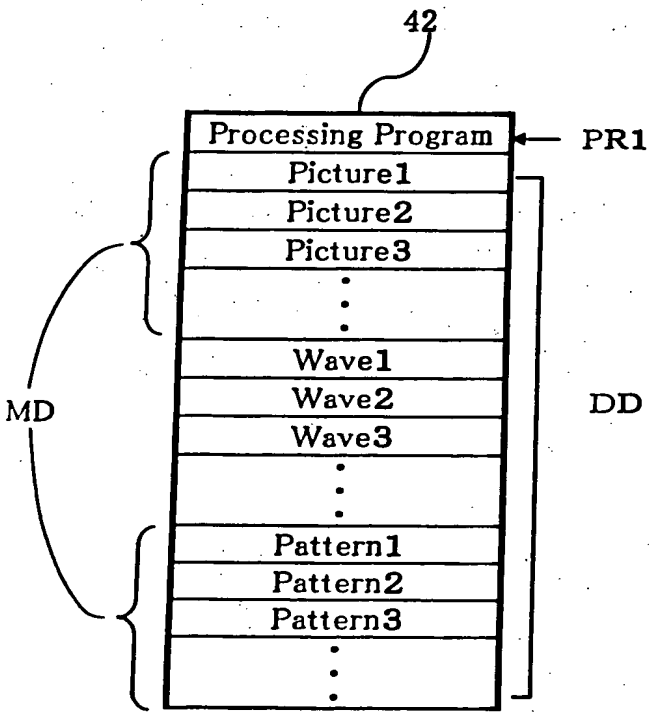

42
Processing Program
PR1
Picture1
Picture2
Picture3
Wave1
Wave2
Wave3
Pattern1
Pattern2
Pattern3
MD
DD

Fig.5

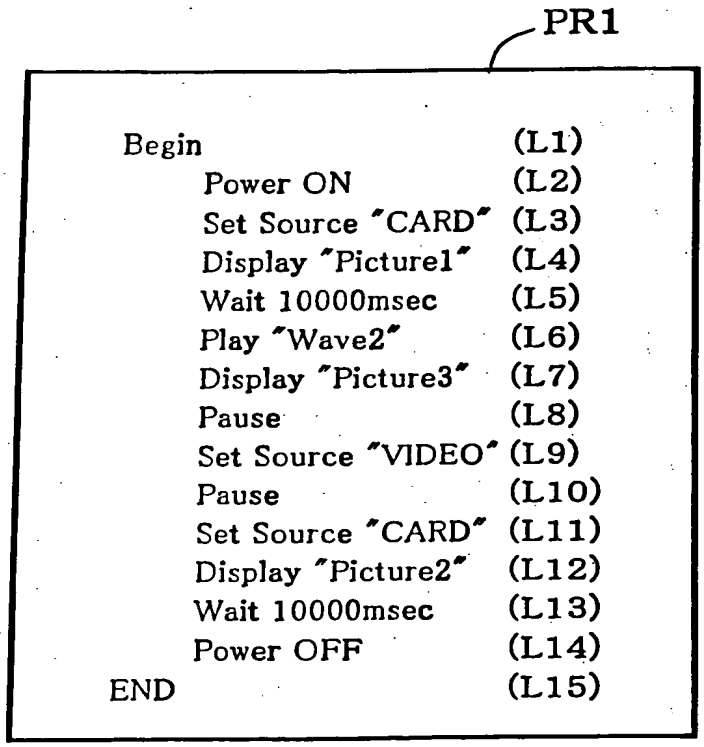

PR1
Begin (L1)
Power ON (L2)
Set Source "CARD" (L3)
Display "Picture1" (L4)
Wait 10000msec (L5)
Play "Wave2" (L6)
Display "Picture3" (L7)
Pause (L8)
Set Source "VIDEO" (L9)
Pause (L10)
Set Source "CARD" (L11)
Display "Picture2" (L12)
Wait 10000msec (L13)
Power OFF (L14)
END (L15)

Fig. 6

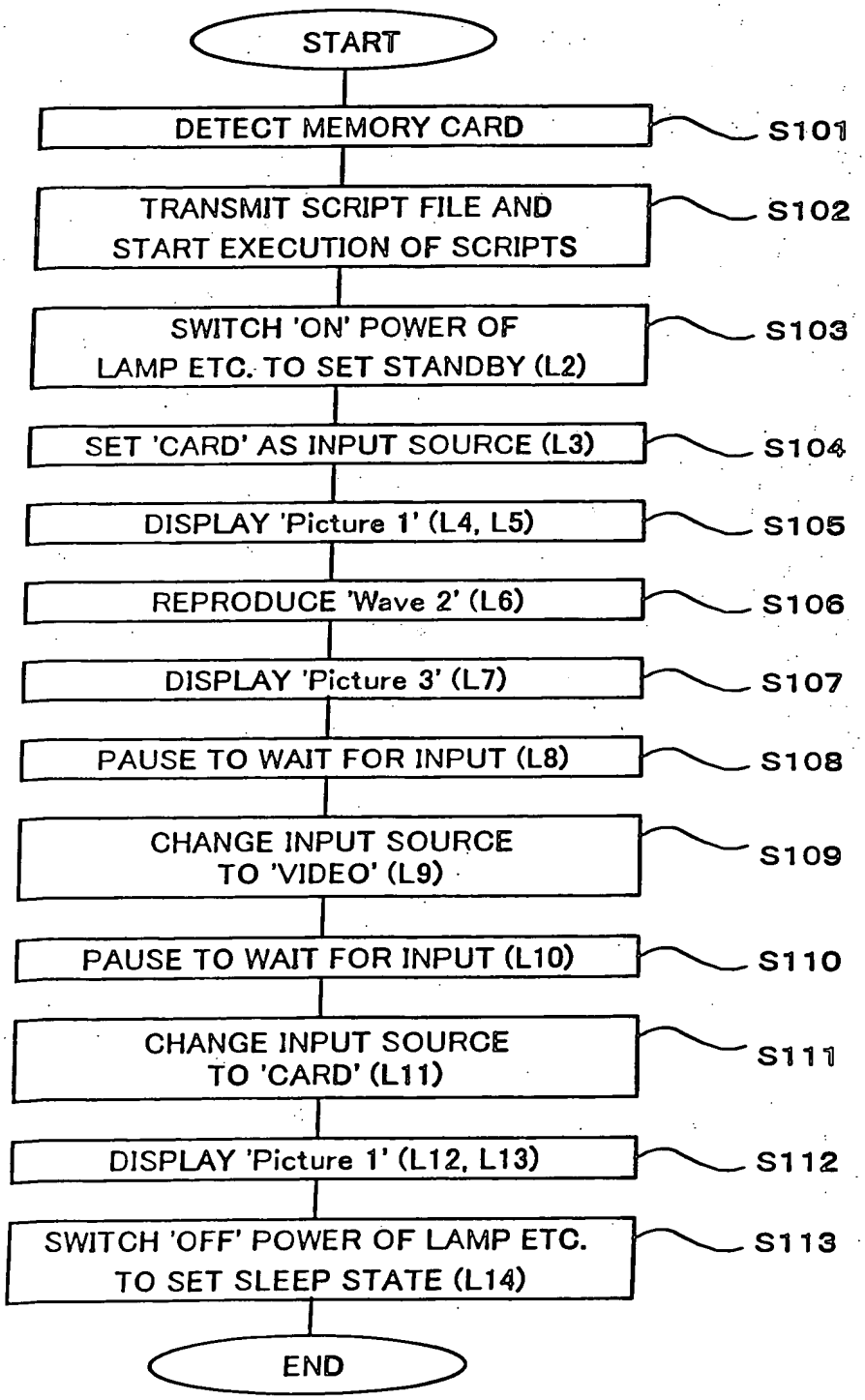
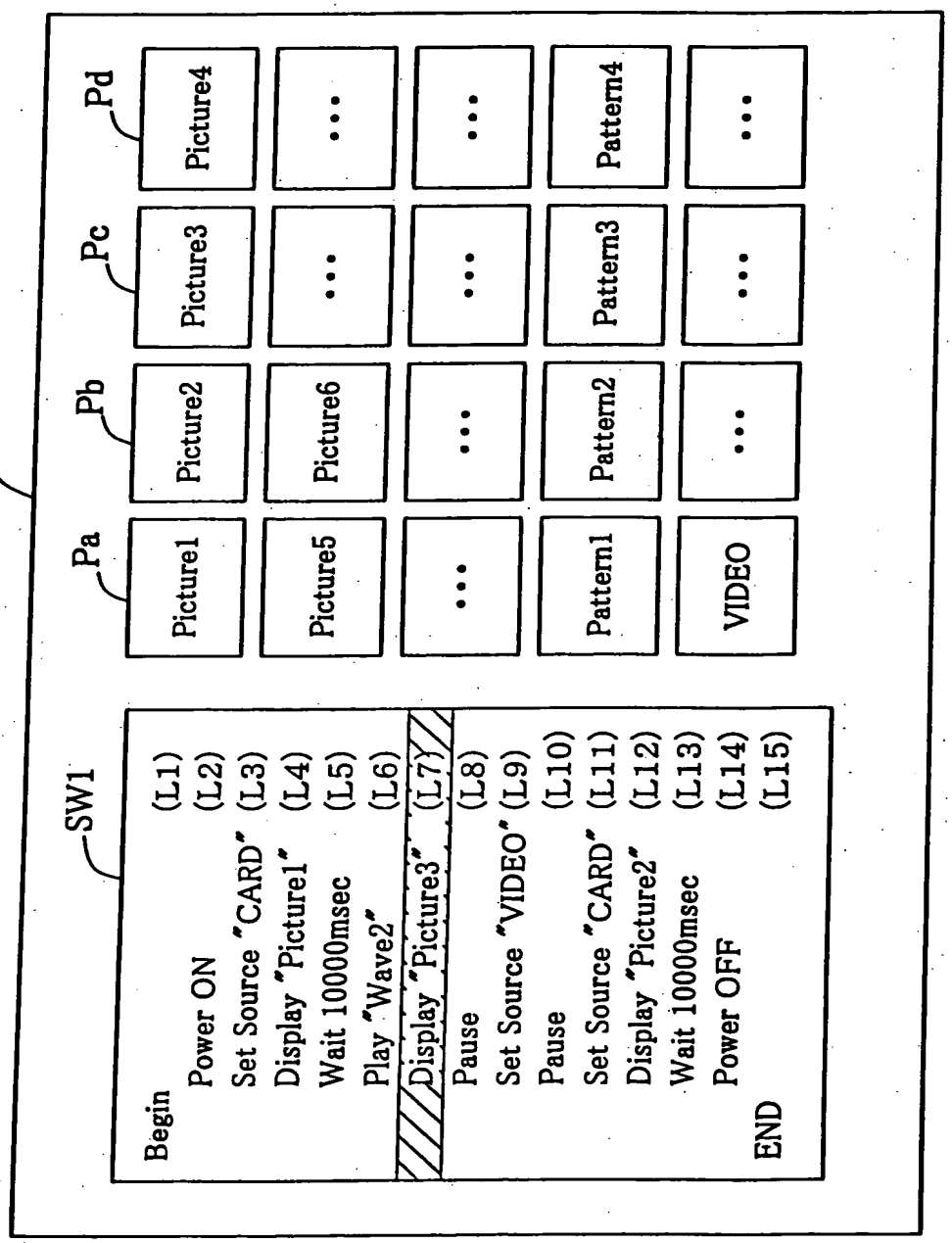

START
DETECT MEMORY CARD
S101
TRANSMIT SCRIPT FILE AND START EXECUTION OF SCRIPTS
S102
SWITCH 'ON' POWER OF LAMP ETC. TO SET STANDBY (L2)
S103
SET 'CARD' AS INPUT SOURCE (L3)
S104
DISPLAY 'Picture 1' (L4, L5)
S105
REPRODUCE 'Wave 2' (L6)
S106
DISPLAY 'Picture 3' (L7)
S107
PAUSE TO WAIT FOR INPUT (L8)
S108
CHANGE INPUT SOURCE TO 'VIDEO' (L9)
S109
PAUSE TO WAIT FOR INPUT (L10)
S110
CHANGE INPUT SOURCE TO 'CARD' (L11)
S111
DISPLAY 'Picture 1' (L12, L13)
S112
SWITCH 'OFF' POWER OF LAMP ETC. TO SET SLEEP STATE (L14)
S113
END

Fig.7


PEM
SW1
Begin (L1)
Power ON (L2)
Set Source "CARD" (L3)
Display "Picture1" (L4)
Wait 10000msec (L5)
Play "Wave2" (L6)
Display "Picture3" (L7)
Pause (L8)
Set Source "VIDEO" (L9)
Pause (L10)
Set Source "CARD" (L11)
Display "Picture2" (L12)
Wait 10000msec (L13)
Power OFF (L14)
END
Pa
Pb
Pc
Pd
Picture1
Picture2
Picture3
Picture4
Picture5
Picture6
Pattern1
Pattern2
Pattern3
Pattern4
VIDEO

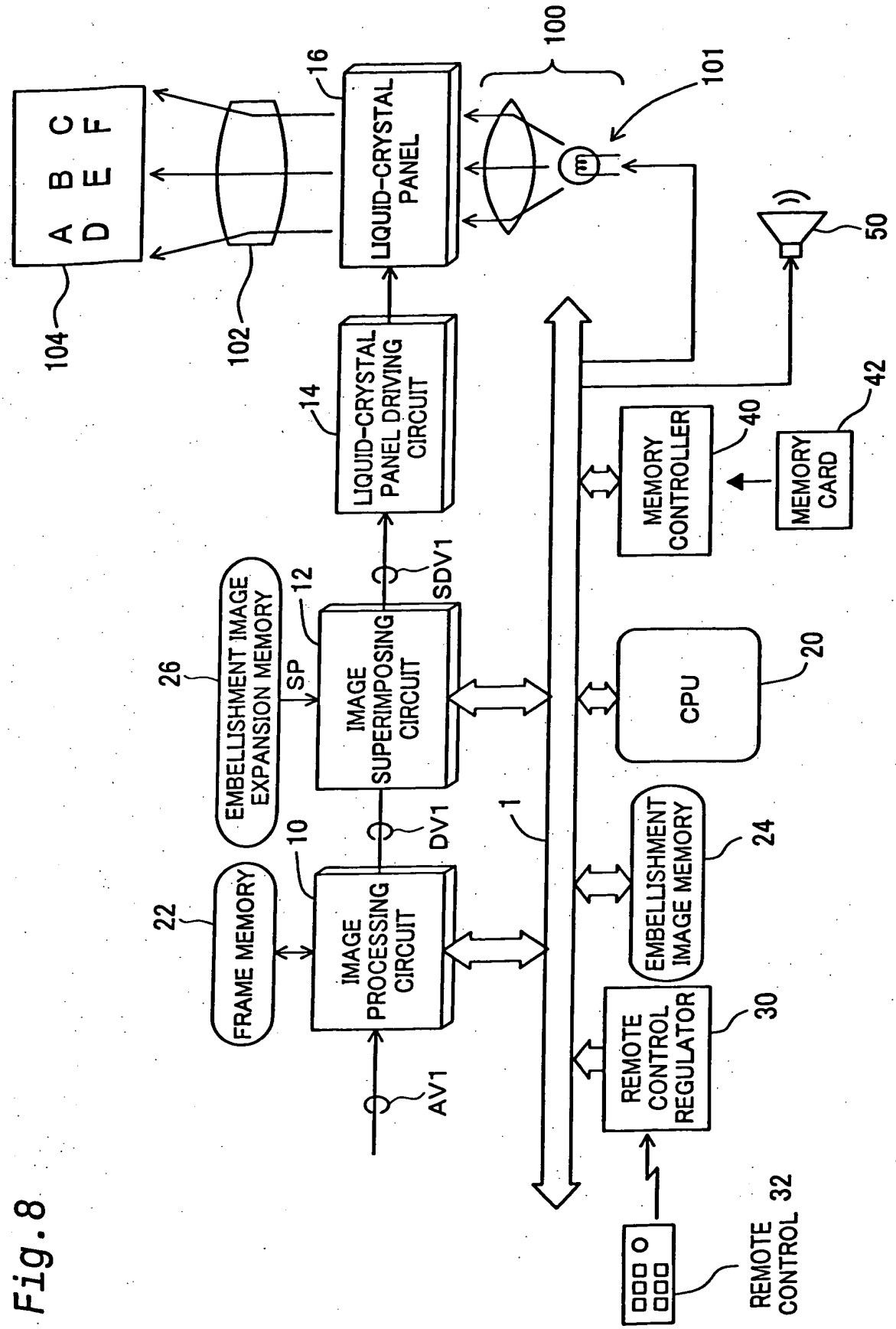

A B C
D E F
104
102
16
LIQUID-CRYSTAL PANEL
100
101
50
14
LIQUID-CRYSTAL PANEL DRIVING CIRCUIT
MEMORY CONTROLLER
40
MEMORY CARD
42
SDV1
12
IMAGE SUPERIMPOSING CIRCUIT
26
EMBELLISHMENT IMAGE EXPANSION MEMORY
SP
CPU
20
DV1
10
IMAGE PROCESSING CIRCUIT
22
FRAME MEMORY
1
EMBELLISHMENT IMAGE MEMORY
24
AV1
REMOTE CONTROL REGULATOR
30
REMOTE CONTROL
32

Fig.8

Fig.9

PR2

```
Begin                                          (L1)
    Power ON                                   (L2)
    Set Source "CARD"                          (L3)
    Display "Picture1"                         (L4)
    Wait "10000msec"                           (L5)
    Play "Wave2"                               (L6)
    Display "Picture3"                         (L7)
    Pause                                      (L8)
    Superimpose Source "MEM"                   (L9)
      Coordinate "400,160,600,200"             (L10)
      Display "Dec1"                           (L11)
    Pause                                      (L12)
    Set Source "CARD"                          (L13)
    Display "Picture2"                         (L14)
    Wait "10000msec"                           (L15)
    Power OFF                                  (L16)
END                                            (L17)
```

Fig. 10

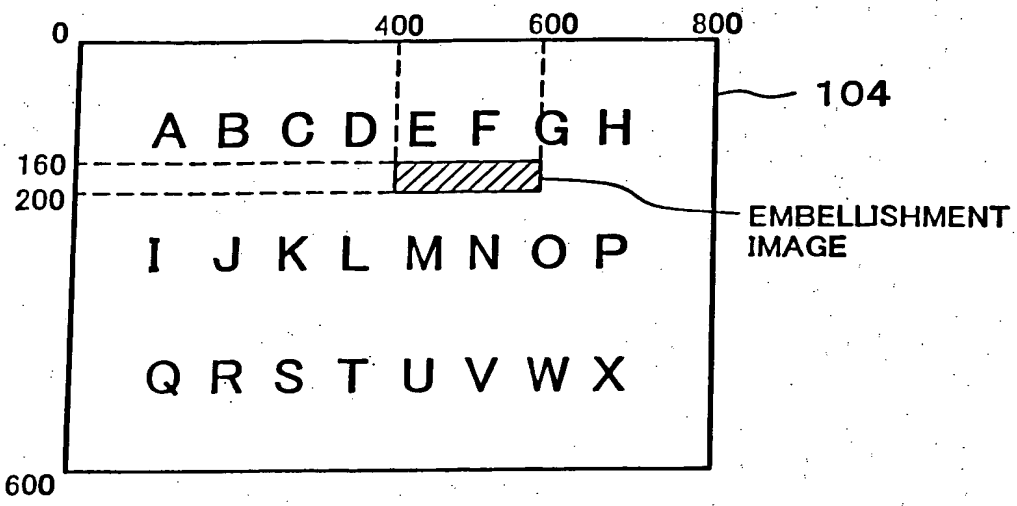
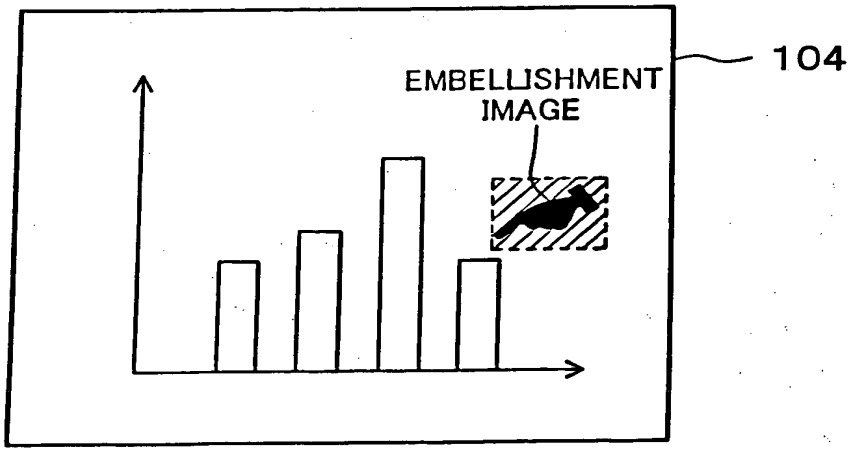

0
400
600
800
104
A B C D E F G H
160
200
EMBELLISHMENT IMAGE
I J K L M N O P
Q R S T U V W X
600

Fig. 11


104
EMBELLISHMENT IMAGE